**Assignment -2**

Python Code

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| Assignment Date | 25 September 2022 |
| Student Name | Mr. Gunaseelan |
| Student Roll Number | 910819104002 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

**Solution:**

**Code:**

import random  
import winsound  
import time  
x=0  
frequency=500  
duration=3000  
for x in range(50) :  
 h=random.randint(1, 100)   
 t=random.randint(32, 212)  
 print("Now the humidity is:", h, "% RH")   
 print("Now the temperature is:", t, " °F")   
 if (t>200):  
 print("The temperature is high")  
 winsound.Beep(frequency,duration)  
 time.sleep(3)

**Output:**

